

## ABSTRACT OF THE DISCLOSURE

1       A valve seat member includes; a valve seat face allowing a valve body to be seated  
2       when the valve body is closed, and an injection port on downstream side of the valve seat  
3       face. A nozzle plate is connected to valve seat member and disposed on downstream side  
4       of injection port. The nozzle plate has nozzle holes radially outwardly with respect to  
5       injection port. A cross section of fuel passage is perpendicular to injection port, having  
6       diameter gradually increased. The fuel passage connects the injection port to nozzle holes.